

Fig. 2

Spectral-Residual Augmented CLS

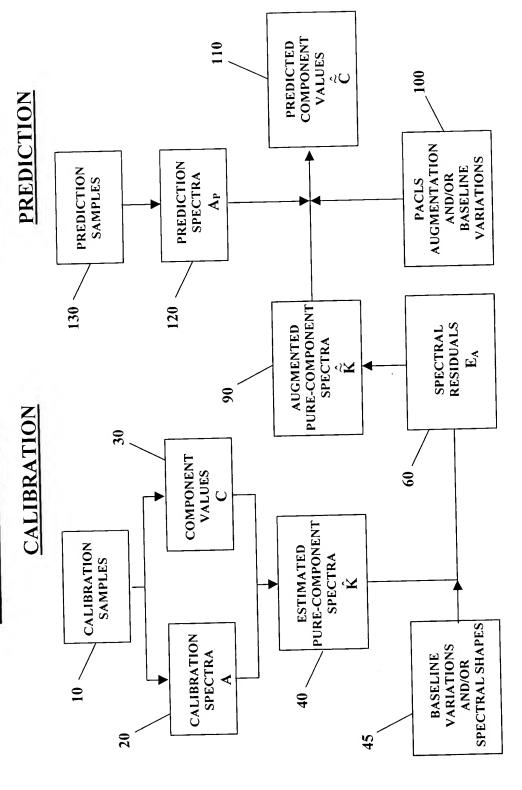


Fig. 3A

Scores Augmented CLS

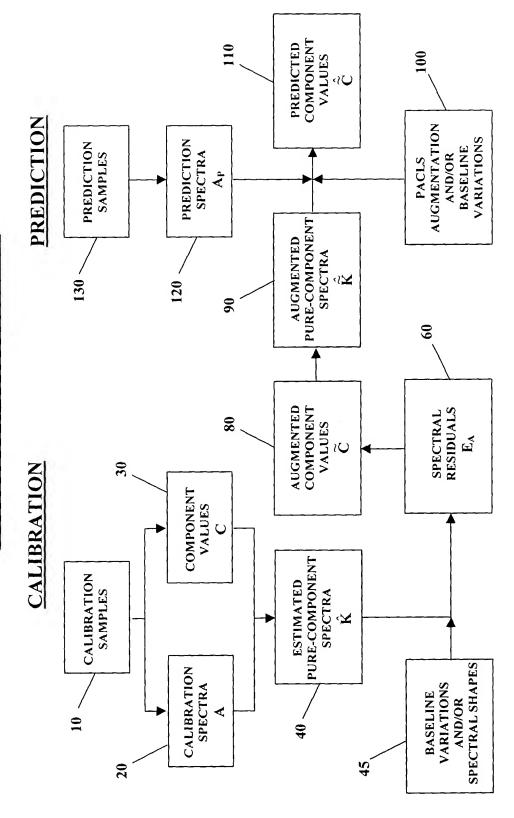
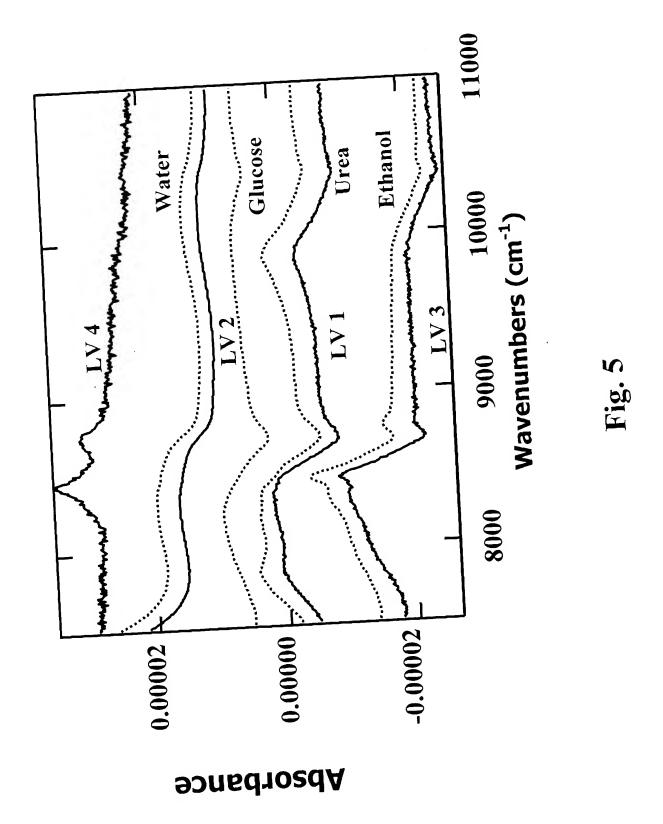
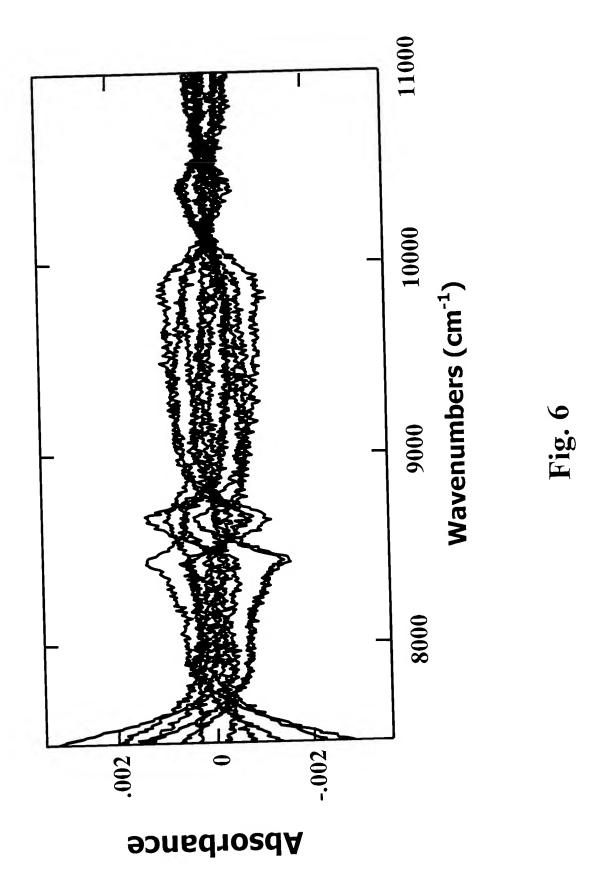


Fig. 3B

100 **AUGMENTATION** COMPONENT VARIATIONS PREDICTED 110 BASELINE AND/OR VALUES **PACLS** PREDICTION Concentration-Residual Augmented CLS PREDICTION PREDICTION SPECTRA SAMPLES Ap 82 AUGMENTED PURE-COMPONENT ESTIMATED COMPONENT UPDATED SPECTRA VALUES 130 120 (}¥ 90 AUGMENTED COMPONENT COMPONENT RESIDUALS 80 VALUES CALIBRATION COMPONENT VALUES PURE-COMPONENT CALIBRATION SAMPLES COMPONENT **ESTIMATED ESTIMATED** SPECTRA VALUES Ç Ż CALIBRATION SPECTRA 10 SPECTRAL SHAPES 20 40 VARIATIONS BASELINE AND/OR 45

Fig. 4





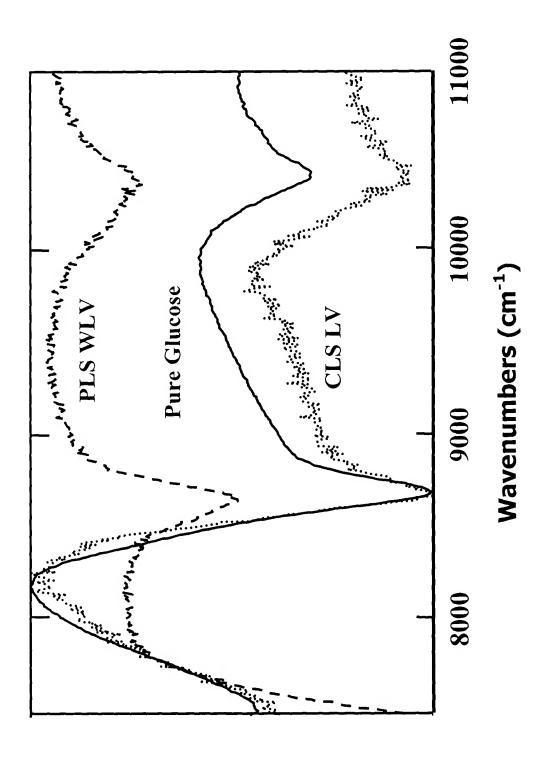
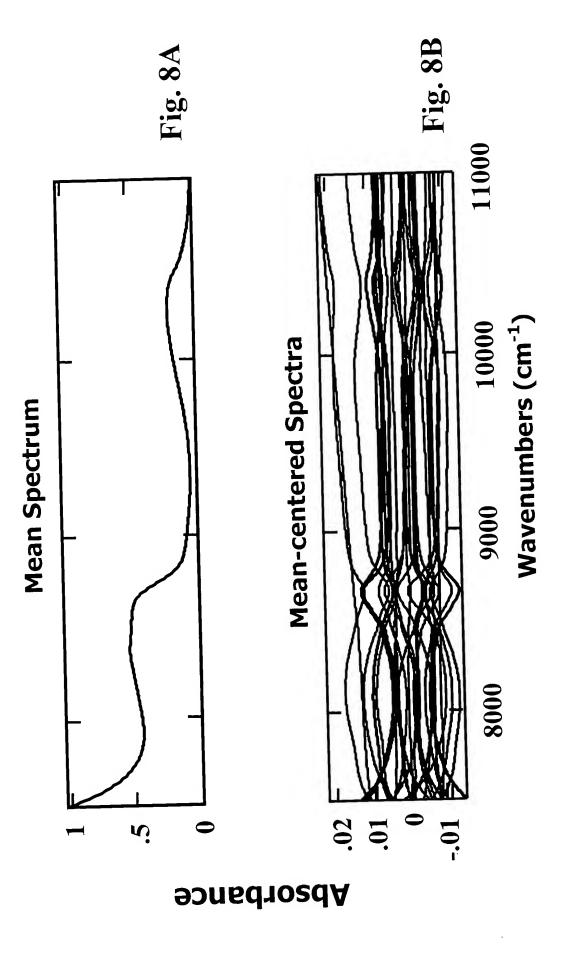
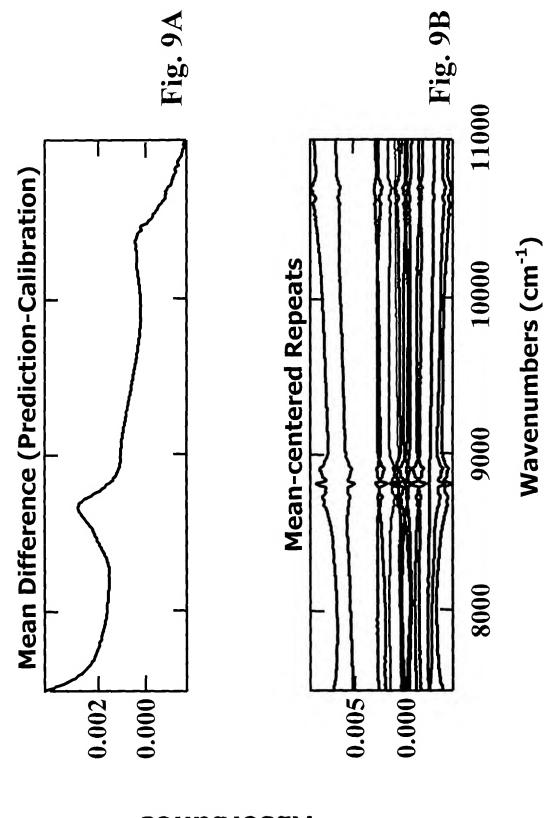


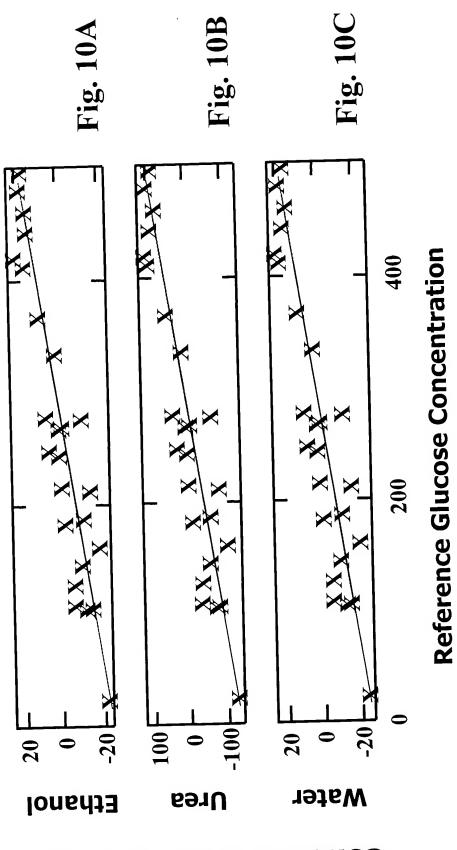
Fig. 7



Absorbance



Concentration Residuals



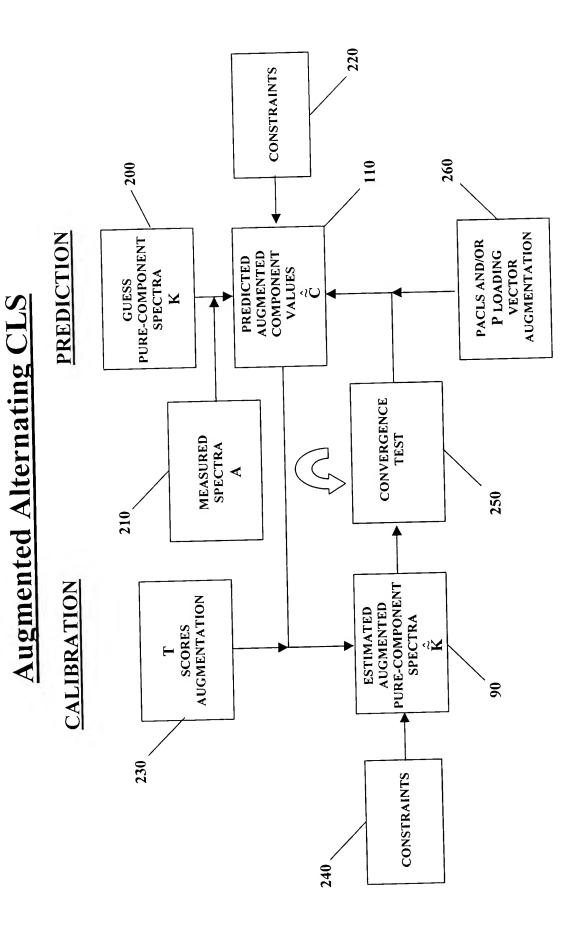


Fig. 11

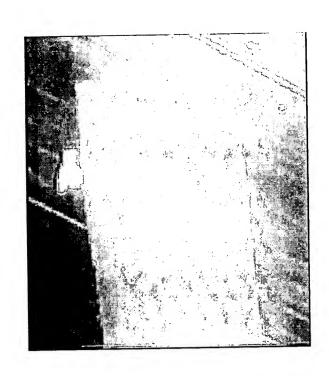


Fig. 12

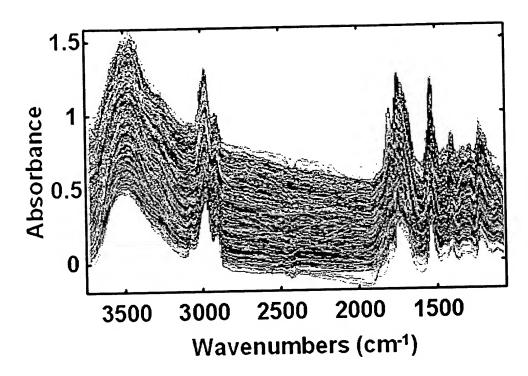


Fig. 13A

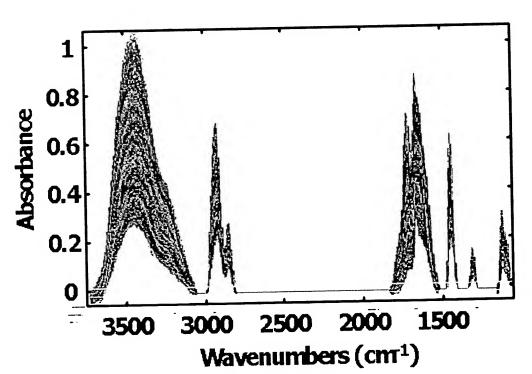


Fig. 13B

